Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN031020\
Data File : BN010182.D
Acq On : 11 Mar 2020 08:44
Operator : CG/JU
Sample : L1842-24
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
RE105D1-20200305

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Quant Time: Mar 11 15:34:56 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN021920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 19 15:57:43 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.37	152	786	0.40	ng	-0.05
7) Naphthalene-d8	10.16	136	2714m	0.40	ng	-0.01
13) Acenaphthene-d10	14.00	164	1617	0.40	ng	-0.06
19) Phenanthrene-d10	16.80	188	3311	0.40	ng	-0.01
27) Chrysene-d12	21.00	240	3368	0.40	ng	-0.03
34) Perylene-d12	23.10	264	3756	0.40	ng	-0.04
System Monitoring Compounds						
4) 2-Fluorophenol	5.06	112	300	0.17	ng	-0.02
5) Phenol-d6	6.61	99	206	0.10	ng	-0.04
8) Nitrobenzene-d5	8.64	82	832m	0.37	ng	0.05
11) 2-Methylnaphthalene-d10	11.77	152	1550	0.30	ng	-0.02
14) 2,4,6-Tribromophenol	15.57	330	186	0.30	ng	-0.01
15) 2-Fluorobiphenyl	12.64	172	2645	0.43	ng	-0.04
25) Fluoranthene-d10	18.83	212	4236	0.37	ng	-0.03
29) Terphenyl-d14	19.43	244	3659	0.45	ng	-0.05
Target Compounds						Qvalue
2) 1,4-Dioxane	3.03	88	4049m	5.030	ng	

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

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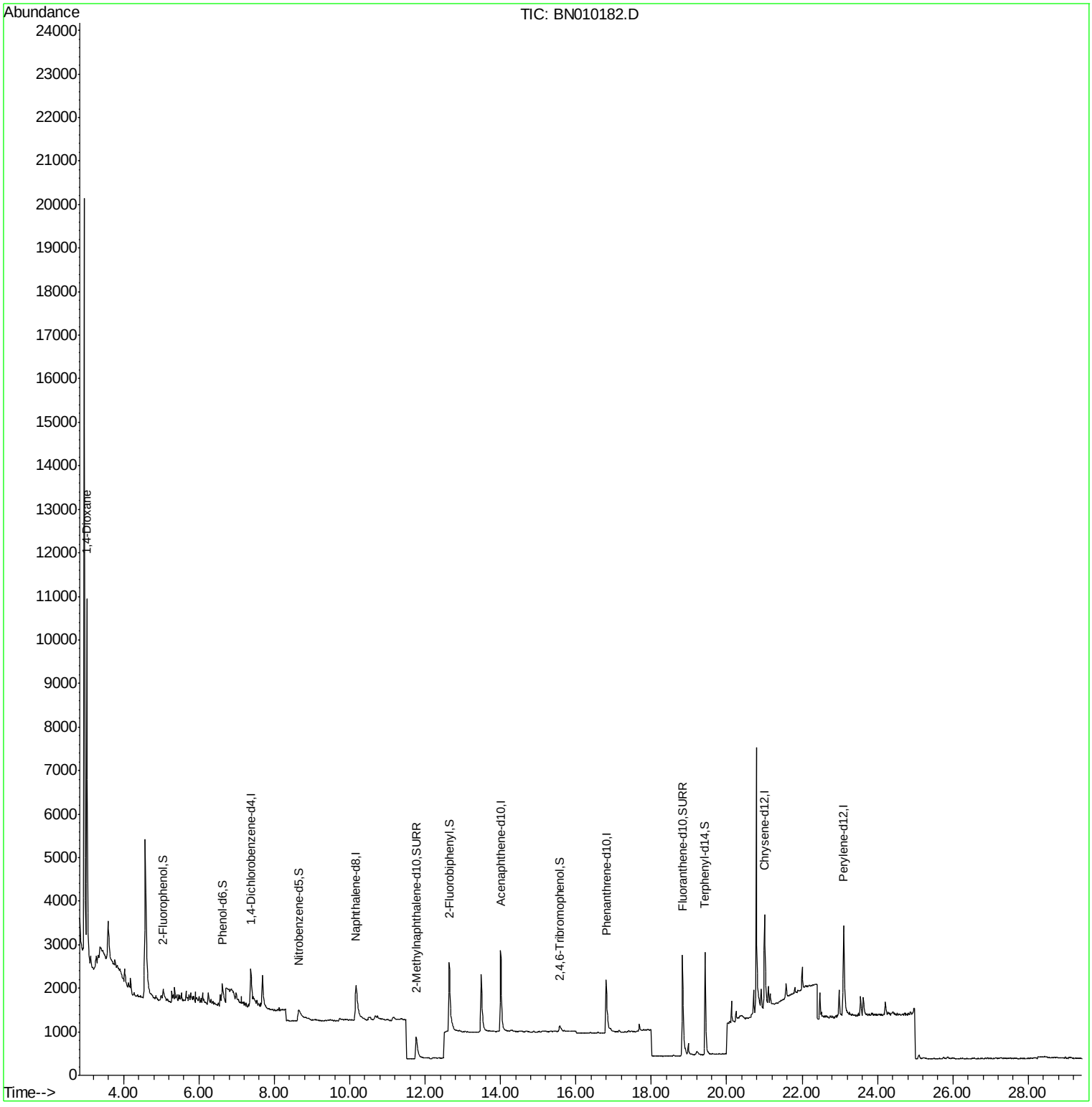
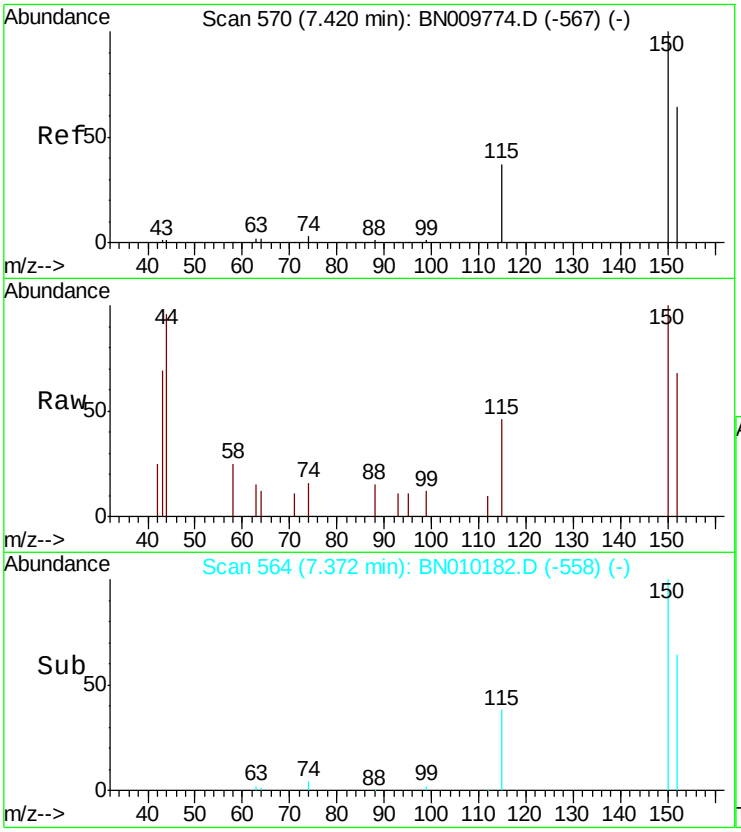
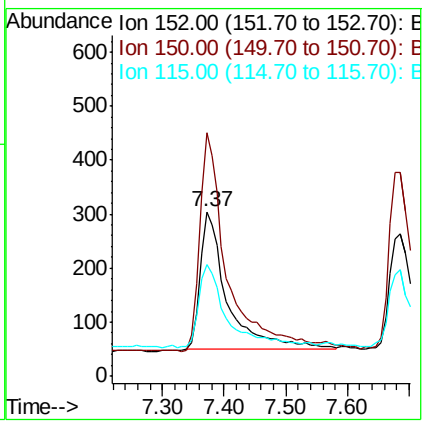




#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.37 min Scan# 564
Delta R.T. -0.05 min
Lab File: BN010182.D
Acq: 11 Mar 2020 08:44

Tgt Ion:152 Resp: 786

Ion	Ratio	Lower	Upper
152	100		
150	147.9	120.6	181.0
115	67.9	51.2	76.8



Instrument :
BNA_N
ClientSampleId :
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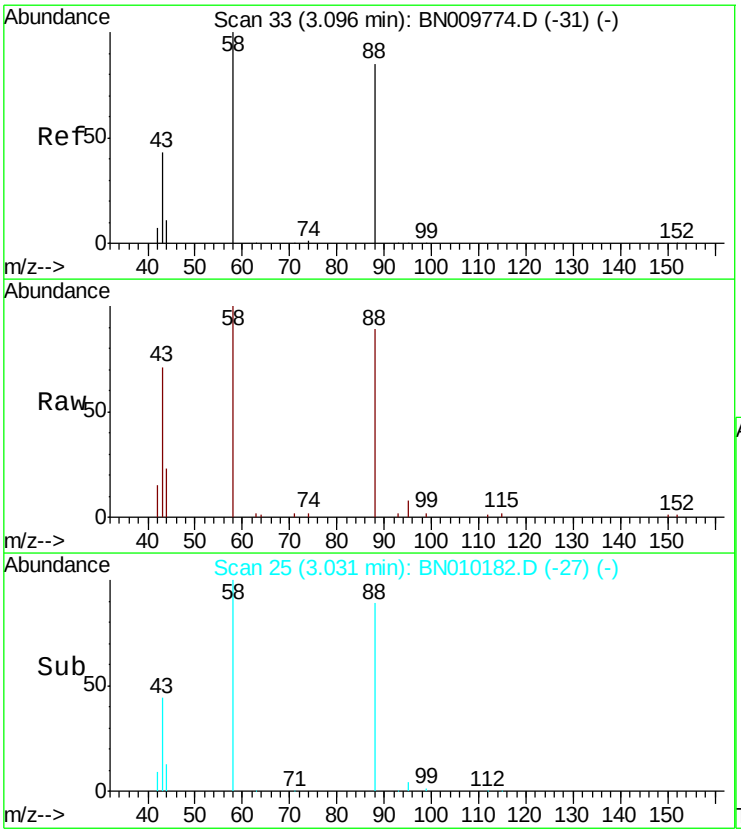
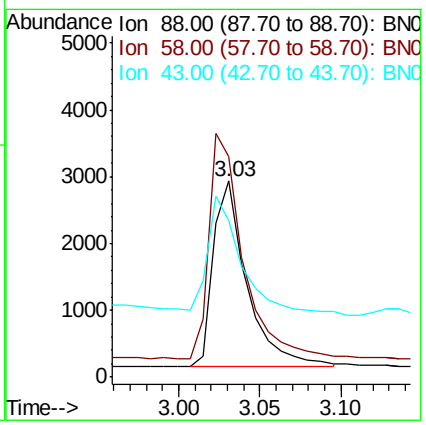
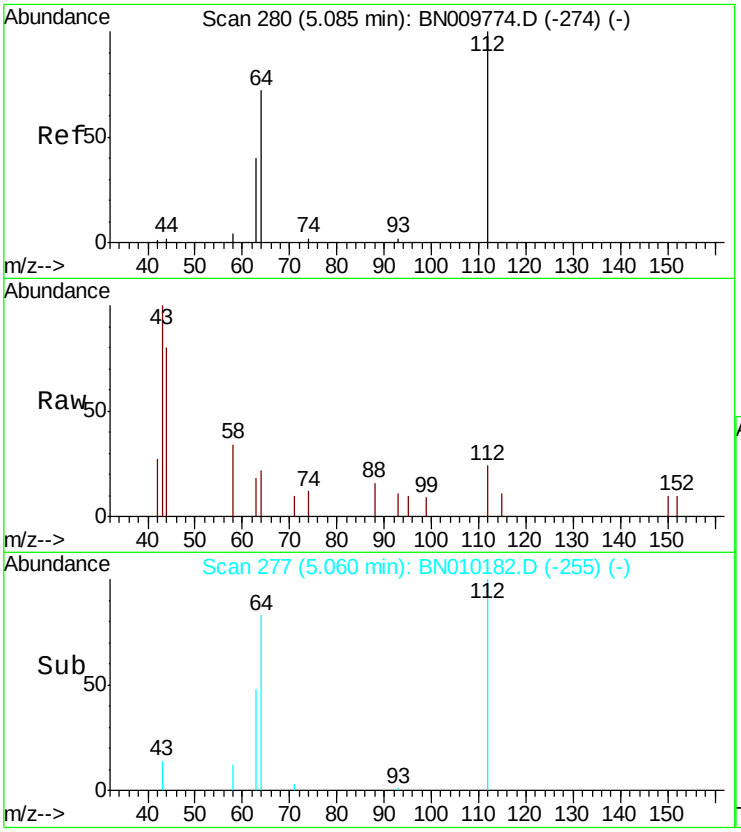


#2
1,4-Dioxane
Concen: 5.030 ng m
RT: 3.03 min Scan# 25
Delta R.T. -0.06 min
Lab File: BN010182.D
Acq: 11 Mar 2020 08:44

Tgt Ion: 88 Resp: 4049

Ion	Ratio	Lower	Upper
88	100		
58	0.0	97.8	146.8#
43	0.0	45.1	67.7#

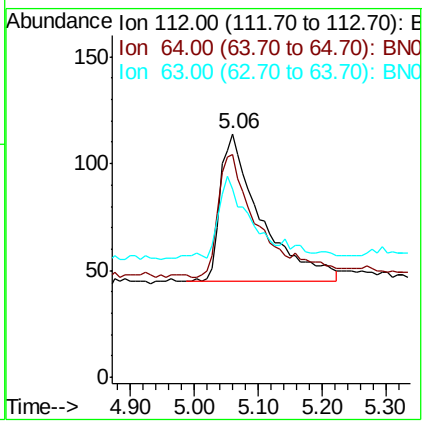




#4
2-Fluorophenol
Concen: 0.172 ng
RT: 5.06 min Scan# 277
Delta R.T. -0.02 min
Lab File: BN010182.D
Acq: 11 Mar 2020 08:44

Tgt Ion:112 Resp: 300

Ion	Ratio	Lower	Upper
112	100		
64	83.7	65.8	98.6
63	45.0	38.7	58.1



Instrument :
BNA_N
ClientSampleId :
RE105D1-20200305

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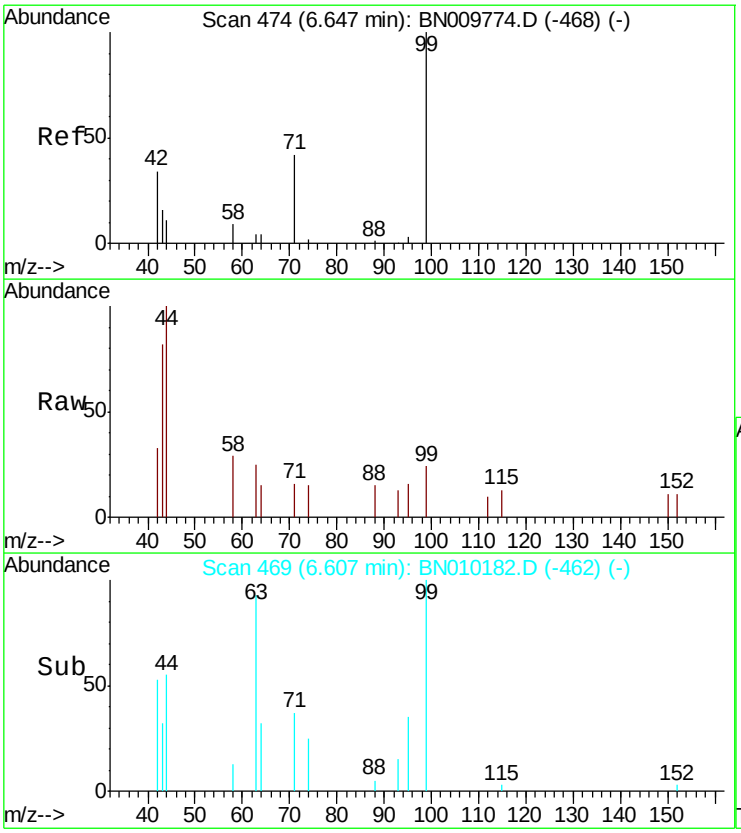
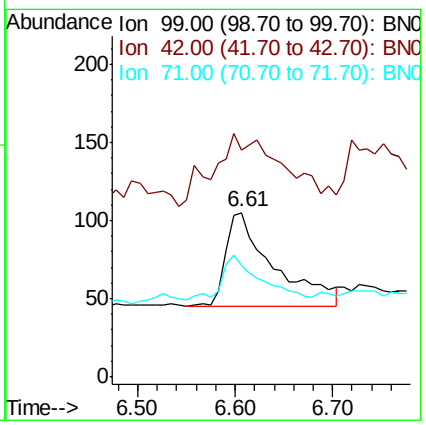
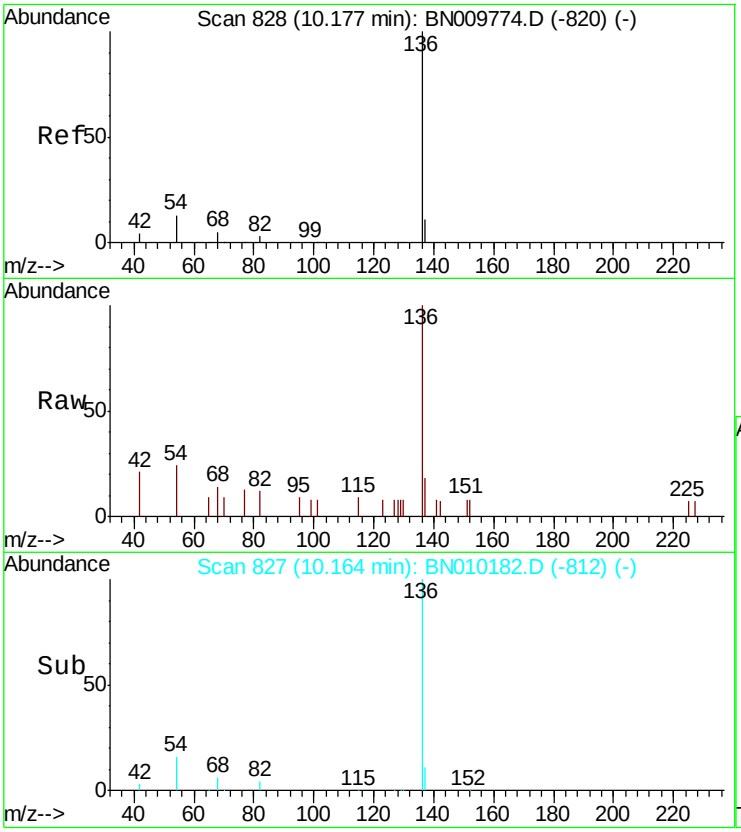


#5
Phenol-d6
Concen: 0.097 ng
RT: 6.61 min Scan# 469
Delta R.T. -0.04 min
Lab File: BN010182.D
Acq: 11 Mar 2020 08:44

Tgt Ion: 99 Resp: 206

Ion	Ratio	Lower	Upper
99	100		
42	115.0	30.8	46.2#
71	38.8	34.9	52.3

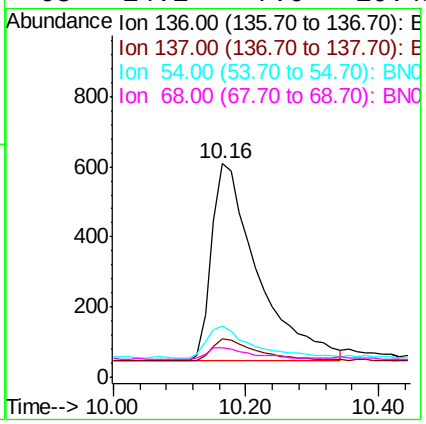




#7
Naphthalene-d8
Concen: 0.400 ng m
RT: 10.16 min Scan# 827
Delta R.T. -0.01 min
Lab File: BN010182.D
Acq: 11 Mar 2020 08:44

Tgt Ion:136 Resp: 2714

Ion	Ratio	Lower	Upper
136	100		
137	18.1	11.3	16.9#
54	23.8	13.4	20.2#
68	14.1	7.0	10.4#



Instrument :
BNA_N
ClientSampleId :
RE105D1-20200305

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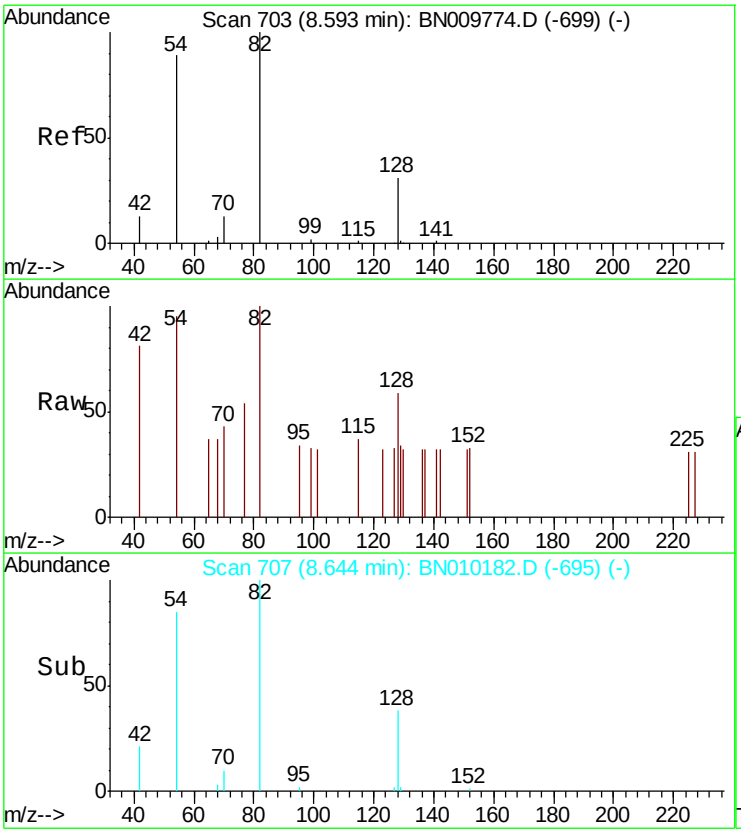
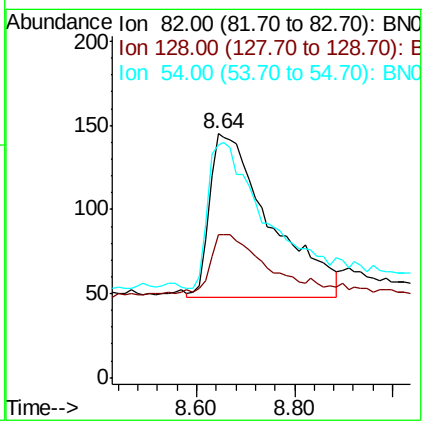
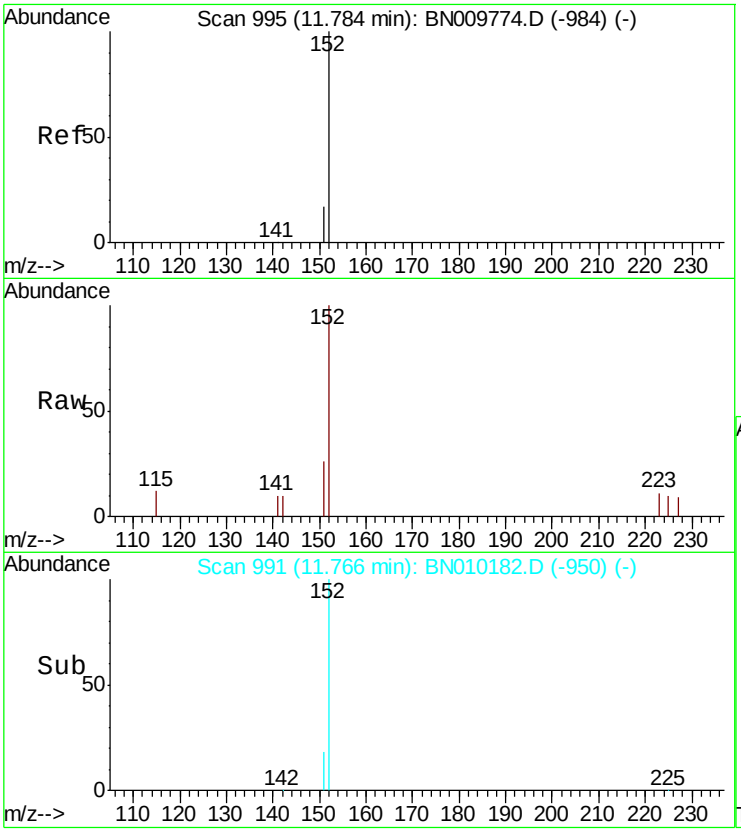


#8
Nitrobenzene-d5
Concen: 0.368 ng m
RT: 8.64 min Scan# 707
Delta R.T. 0.05 min
Lab File: BN010182.D
Acq: 11 Mar 2020 08:44

Tgt Ion: 82 Resp: 832

Ion	Ratio	Lower	Upper
82	100		
128	58.6	32.5	48.7#
54	95.2	73.5	110.3

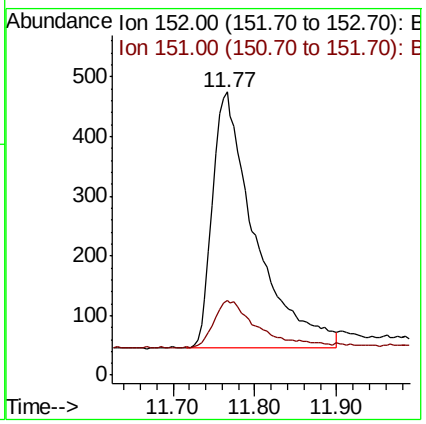




#11
2-Methylnaphthalene-d10
Concen: 0.295 ng
RT: 11.77 min Scan# 991
Delta R.T. -0.02 min
Lab File: BN010182.D
Acq: 11 Mar 2020 08:44

Tgt Ion:152 Resp: 1550

Ion	Ratio	Lower	Upper
152	100		
151	19.5	15.1	22.7



Instrument :
BNA_N
ClientSampleId :
RE105D1-20200305

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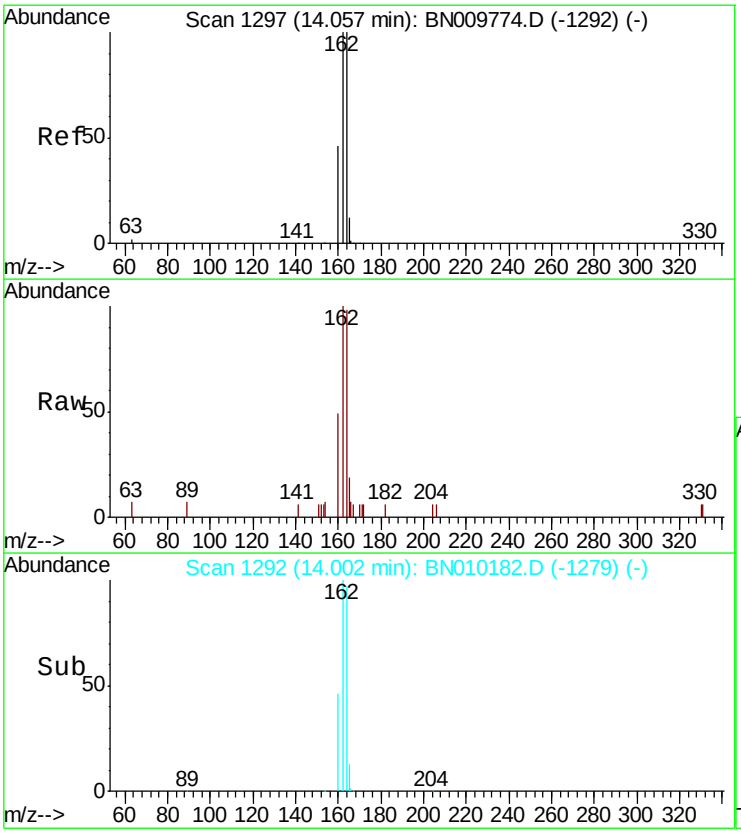
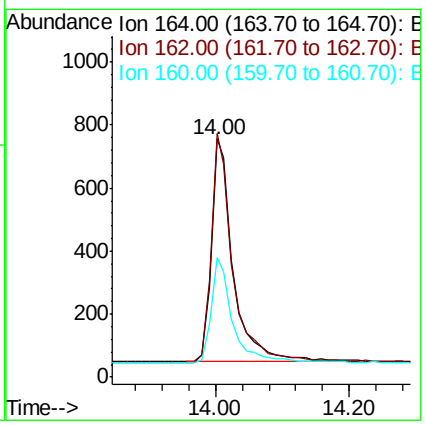
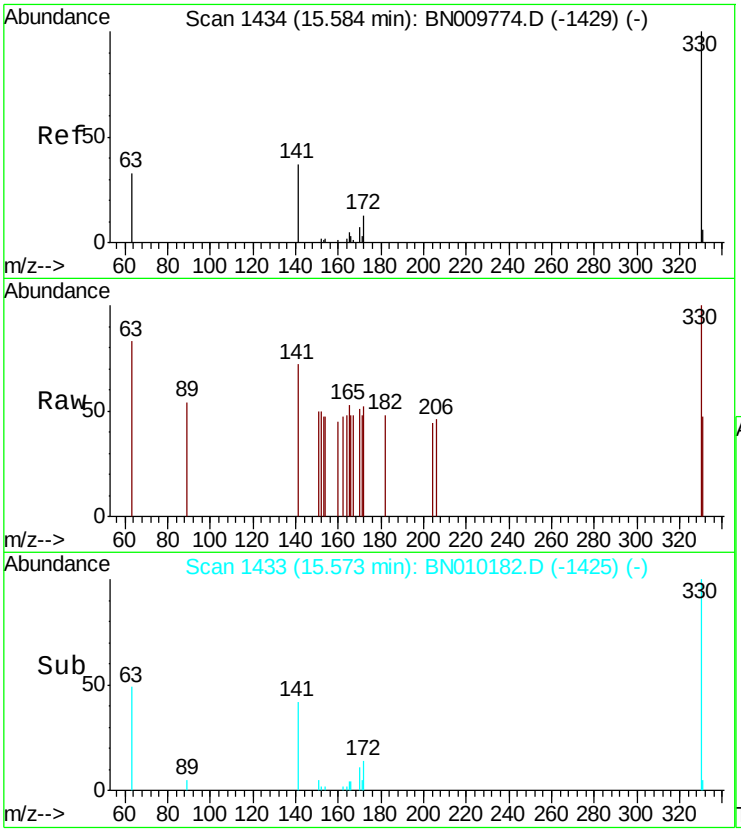


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.00 min Scan# 1292
Delta R.T. -0.06 min
Lab File: BN010182.D
Acq: 11 Mar 2020 08:44

Tgt Ion:164 Resp: 1617

Ion	Ratio	Lower	Upper
164	100		
162	102.2	79.9	119.9
160	50.3	38.2	57.2

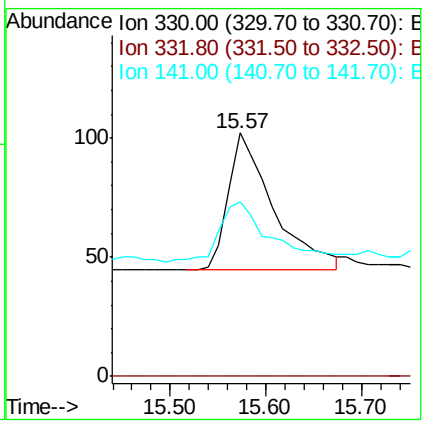




#14
2,4,6-Tribromophenol
Concen: 0.299 ng
RT: 15.57 min Scan# 1433
Delta R.T. -0.01 min
Lab File: BN010182.D
Acq: 11 Mar 2020 08:44

Tgt Ion:330 Resp: 186

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	50.5	36.8	55.2



Instrument :
BNA_N
ClientSampleId :
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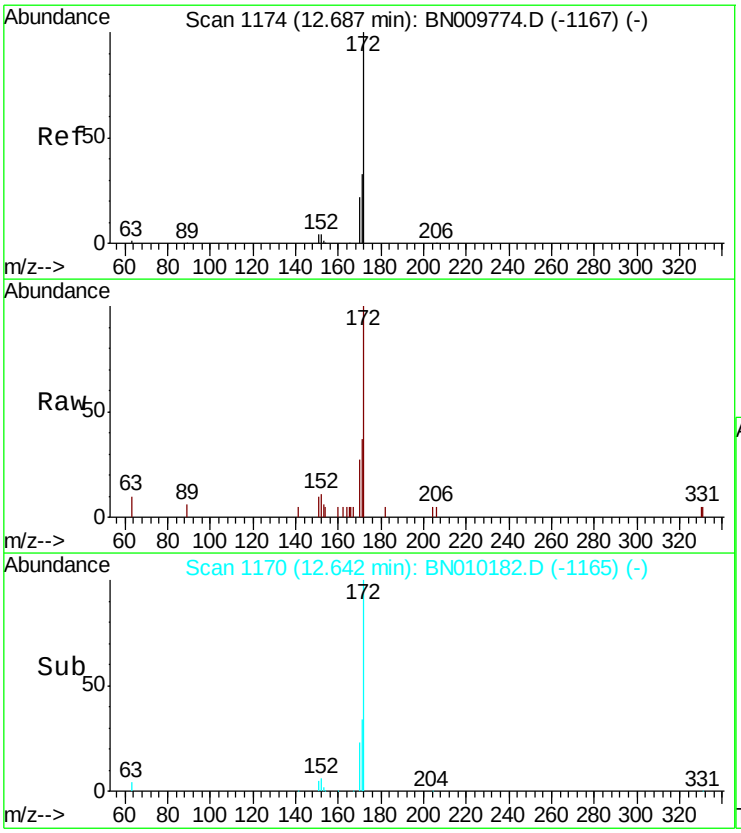
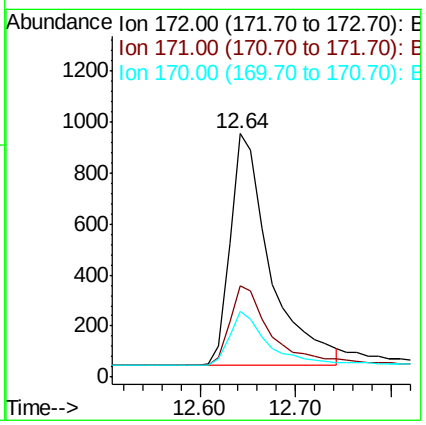
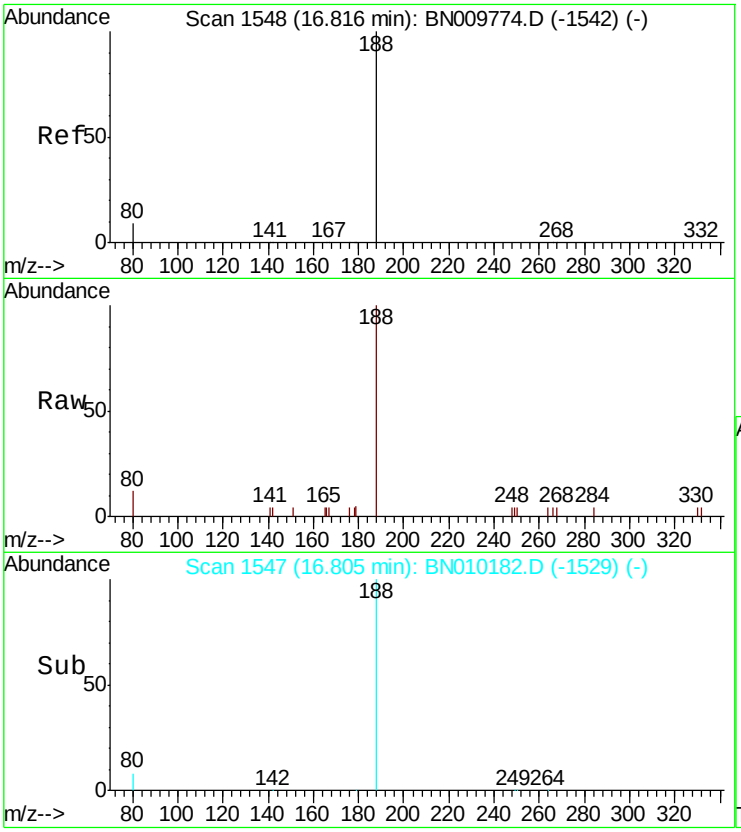


#15
2-Fluorobiphenyl
Concen: 0.433 ng
RT: 12.64 min Scan# 1170
Delta R.T. -0.04 min
Lab File: BN010182.D
Acq: 11 Mar 2020 08:44

Tgt Ion:172 Resp: 2645

Ion	Ratio	Lower	Upper
172	100		
171	37.4	28.7	43.1
170	26.7	20.1	30.1

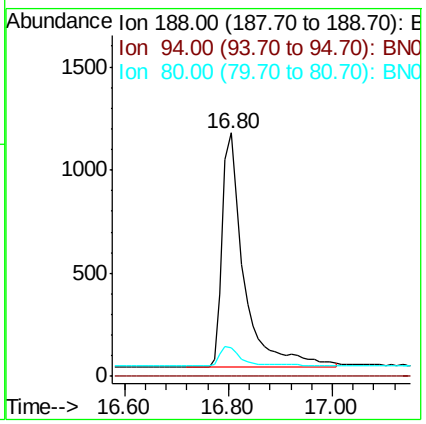




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.80 min Scan# 1547
Delta R.T. -0.01 min
Lab File: BN010182.D
Acq: 11 Mar 2020 08:44

Tgt Ion:188 Resp: 3311

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	11.7	8.3	12.5



Instrument :
BNA_N
ClientSampleId :
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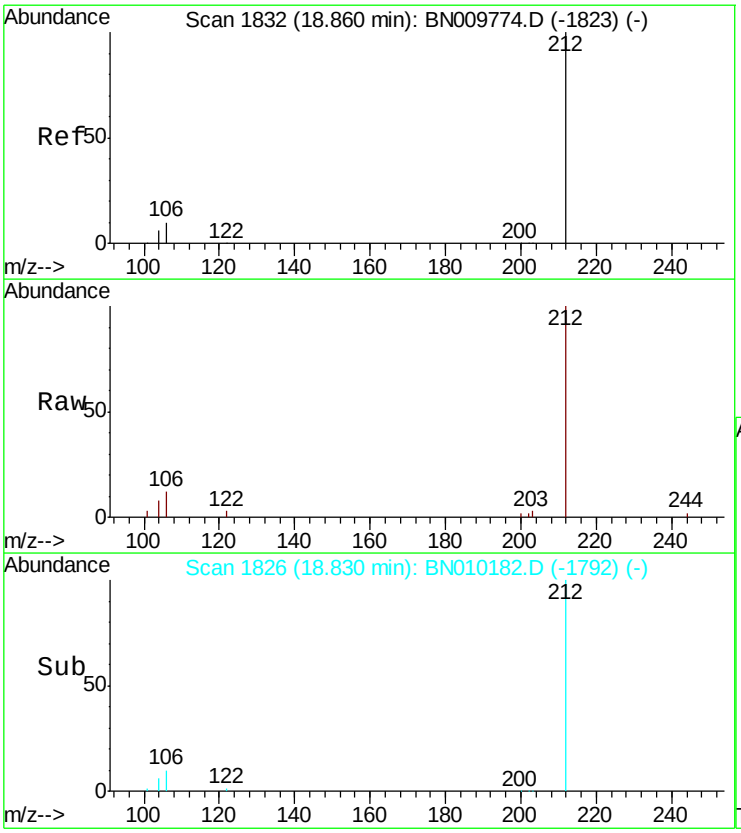
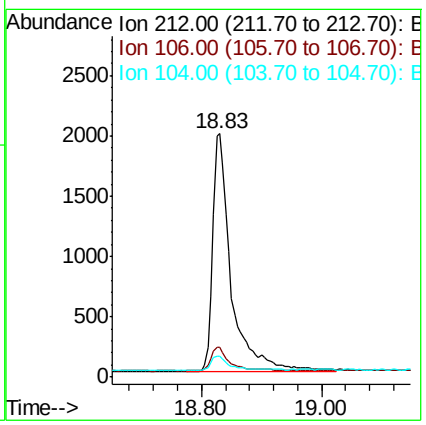
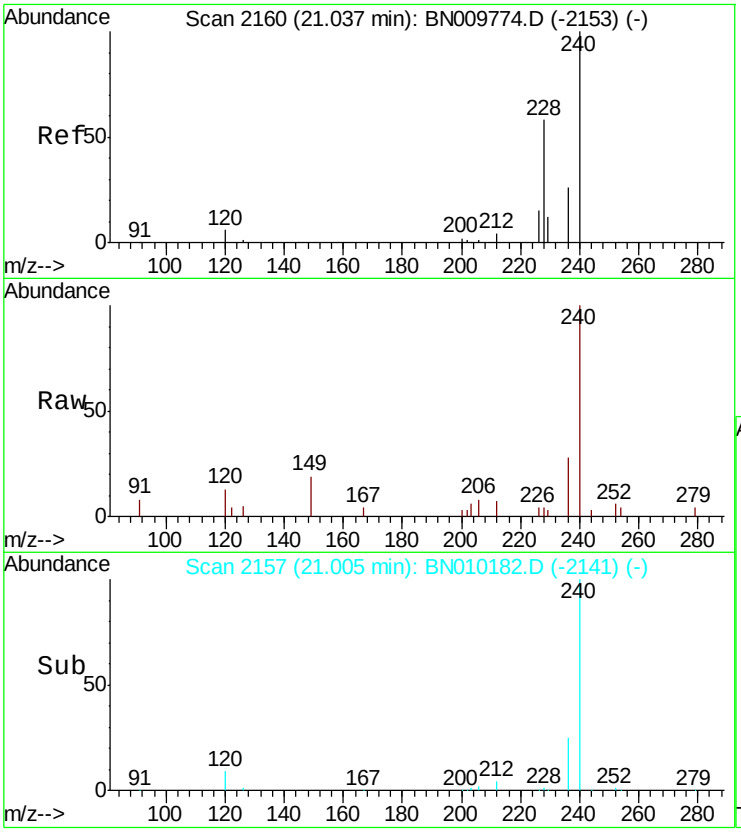


#25
Fluoranthene-d10
Concen: 0.370 ng
RT: 18.83 min Scan# 1826
Delta R.T. -0.03 min
Lab File: BN010182.D
Acq: 11 Mar 2020 08:44

Tgt Ion:212 Resp: 4236

Ion	Ratio	Lower	Upper
212	100		
106	9.6	8.4	12.6
104	5.3	4.8	7.2





#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.00 min Scan# 2157
Delta R.T. -0.03 min
Lab File: BN010182.D
Acq: 11 Mar 2020 08:44

Tgt Ion:240 Resp: 3368

Ion	Ratio	Lower	Upper
240	100		
120	13.3	7.9	11.9#
236	28.3	22.0	33.0

Instrument :
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ClientSampleId :
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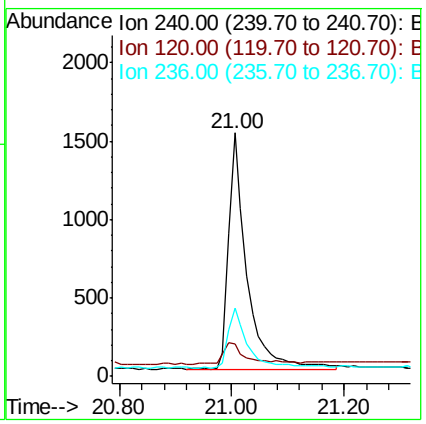
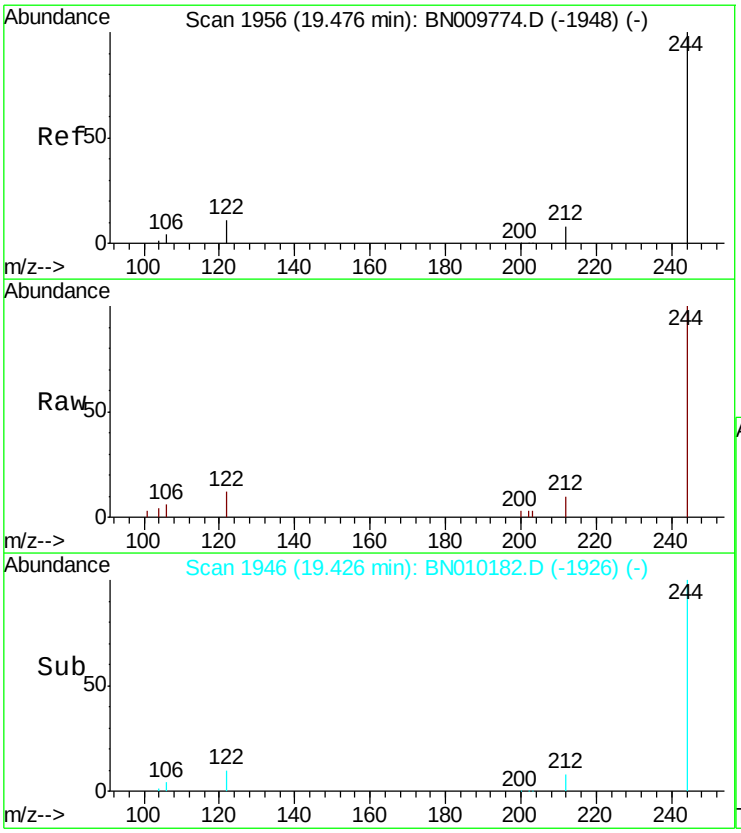
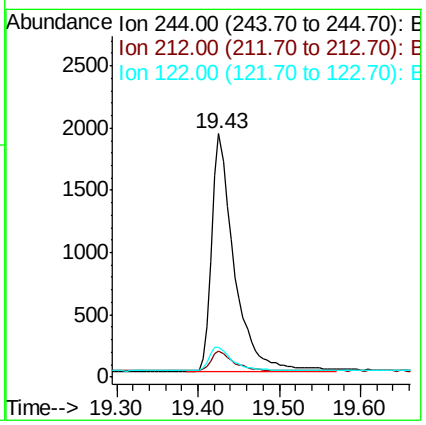


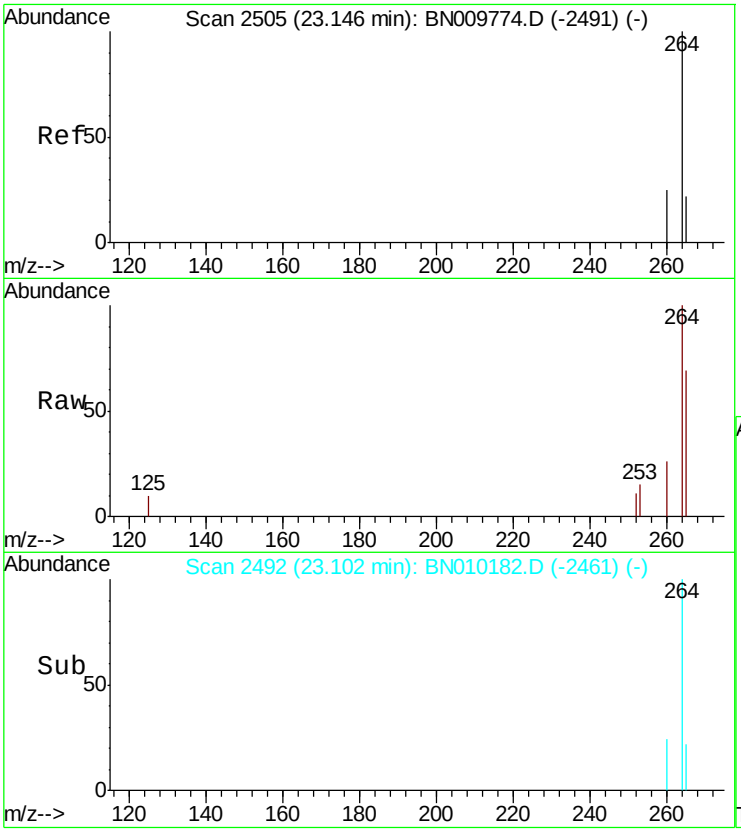


#29
Terphenyl-d14
Concen: 0.455 ng
RT: 19.43 min Scan# 1946
Delta R.T. -0.05 min
Lab File: BN010182.D
Acq: 11 Mar 2020 08:44

Tgt Ion:244 Resp: 3659

Ion	Ratio	Lower	Upper
244	100		
212	10.4	8.0	12.0
122	12.1	10.0	15.0

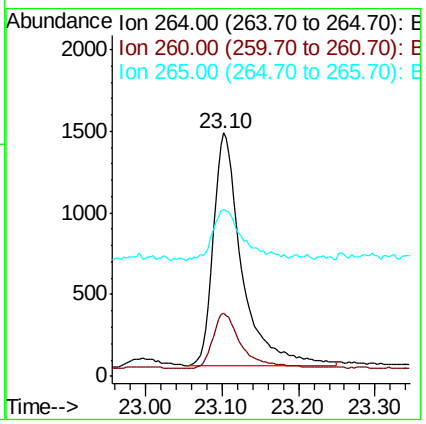




#34
Perylene-d12
Concen: 0.400 ng
RT: 23.10 min Scan# 2492
Delta R.T. -0.04 min
Lab File: BN010182.D
Acq: 11 Mar 2020 08:44

Tgt Ion:264 Resp: 3756

Ion	Ratio	Lower	Upper
264	100		
260	25.8	21.1	31.7
265	68.5	57.5	86.3



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